

Serial No. 09/683,546

**IN THE SPECIFICATION**

Please amend paragraph 83 of the specification as follows:

[p83]Alternatively, the model can use conductance versus impedance when creating the model. FIGS 4a, 4b, and 4c help illustrate this. They provide examples of variable conductance as a function of device voltage and time. The same starting equation can be used in accounting for variations in temperature and supply voltages, except that conductance is substituted for impedance. i.e.,  $dc \text{ conductance} = (1+D0)*dc \text{ base}$ , where DO is a function of supply voltage and temperature.

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